





I-84; Echo Frontage Road, Bridge Replacement Project

Construction Perspective – Slide Design

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Presentation Outline


- Bridge Slide Overview
- Slide Design Approach
- Lessons Learned
- First Time Designer Considerations
 - Detailing and bridge geometry
 - Advertising and construction project coordination

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Bridge Slide Overview




- 800,000 lb superstructure
- 60' span
- 45' out to out bridge



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Slide Design Approach



Bridge Model

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Slide Design Approach



Slide Shoes

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Slide Design Approach



Slide Shoes

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Slide Design Approach



Abutment Connection

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Slide Design Approach



Slide Pads

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Lessons Learned

ECHO


- Questions
 - How can the slide process be improved?
 - How can risks be better managed?
- Good practices
 - Overcome contractor / engineer stereotypes
 - Discuss risks
 - Develop contingency plans

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This presentation slide features a blue header with the title "Lessons Learned" and the ECHO logo. The main content area contains a bulleted list of questions and good practices. A vertical strip of four smaller images on the left side shows various construction scenes. The footer contains the text "Moving Innovation Ahead | Echo, Utah Showcase Event".




First Time Designer Considerations




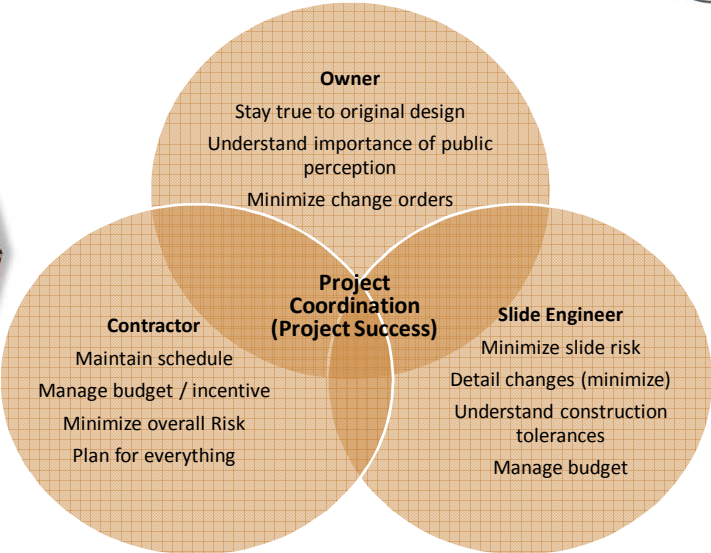
- Geometry
 - Minimal skew
 - Lightweight
 - No approach slabs
 - Number of slide shoes
 - Partial slide

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First Time Designer Considerations





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